

**CMS Preliminary**pp 301 pb<sup>-1</sup> (5.02 TeV)

b jets / inclusive jets

anti- $k_T$ ,  $R = 0.4$  jets  
 $100 < p_T^{\text{jet}} < 120$  GeV,  $|\eta^{\text{jet}}| < 2$ Soft drop (charged particles)  
 $z_{\text{cut}} = 0.1$ ,  $\beta = 0$ ,  $k_T > 1$  GeV

● Data  
— Pythia8 CP5  
- - Pythia8 CP5 FSR up  
- . Pythia8 CP5 FSR down  
- . Herwig7 CH3

Ratio to data

Syst.  $\oplus$  Stat.

$R_g$

$\ln(R/R_g)$

